Josiah Pilon

Full-Stack Software Developer

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PROFILE

Backend-leaning Full-Stack Software Developer experienced in Ruby on Rails, React, AWS, DevOps tooling, and AI-assisted development workflows. I build production web applications, automation platforms, and business-critical workflows across insurance, property technology, crypto-finance, and public-sector projects. Daily user of Cursor, Claude Code, and ChatGPT to accelerate coding, debugging, testing, refactoring, and rapid prototyping. Strong in test-driven development, system architecture, stakeholder collaboration, and shipping reliable software from idea to deployment.

WORK EXPERIENCE

Software Consultant & Founder

ClientFirstLabsLtd.

02/2022 - Present

Founded and operated a software consultancy delivering full-stack applications from discovery through architecture, implementation, deployment, and iteration. Translated ambiguous business requirements into scoped technical plans, shipped dashboards, mobile apps, automation workflows, and self-service portals, and used AI-assisted development workflows to accelerate prototyping, debugging, and delivery.

Embedded Full-Stack Software Developer

Button Inc.

02/2026 - 04/2026

Contributed to the BC Government BioHub platform through Button Inc., improving secure data-access workflows, role-based permissions, and request traceability. Built and refined full-stack features across the frontend, API, routing, and test coverage, helping create a more reliable self-serve portal for managing data submissions, access requests, and operational workflows.

Stack: NodeJS, ExpressJS, ReactJS, Typescript, Keycloak, OpenAPI, JWT, PostgreSQL, Knex, AWS, Docker

Embedded Lead Developer

Aspire (U.S. Insurance Agency)

05/2024 - 02/2025

Built and deployed an automation-first platform in a Ruby on Rails monolith using Ferrum bots, eliminating 90 percent of manual agent onboarding work and reducing operational costs by over $100,000 annually. Improved platform reliability to below 1 percent production error through test-driven development, RSpec, and GitHub Actions CI, while mentoring junior developers and leading weekly releases.

Stack: Ruby on Rails, Hotwire, StimulusJS, Ferrum, RSpec, PostgreSQL, AWS, Heroku

Embedded Lead Developer

Wecasa (LuxuryProperty Management)

08/2022 - 07/2023

Built and shipped full-stack Rails + Hotwire features across backend workflows and frontend user experience for a luxury property management platform. Designed and launched a self-service sandbox that let clients preview and configure property features independently, reducing support tickets by 60% and improving user activation.

Stack: Ruby on Rails, Hotwire, StimulusJS, Retool, PostgreSQL, AWS, Heroku, GitHub Actions

TECHNICAL SKILLS

Backend: Ruby, Ruby on Rails, RESTful application programming interfaces, Node.js, Express, NestJS, PostgreSQL, MySQL, SQLite

Frontend: React, JavaScript, TypeScript, Hotwire, Stimulus, Next.js, React Native

Cloud & DevOps: AWS, Docker, Heroku, GitHub Actions, CircleCI, continuous integration and continuous delivery

Testing: RSpec, Jest, test-driven development, integration testing, production reliability

AI Engineering: Cursor IDE, Claude Code, ChatGPT, prompt engineering, AI-assisted debugging, refactoring, test generation, rapid prototyping

Architecture: Clean Architecture, Domain-Driven Design, Hexagonal Architecture, application programming interface design, workflow automation

Professional Strengths: Outcome-focused problem solver, Clear communicator and mentor

EDUCATION

Certification, Software Architecture, Global Dev Experts, Online (Graduated with Honors)
01/2024 - 04/2024

Certification,iOSDevelopment, Kodeco, Online
04/2023 - 06/2023

Certification, Software Development, Imposter School, Online
03/2022 - 09/2022

Diploma,WebDevelopment, Lighthouse Labs, Online
03/2021 - 05/2021

INDEPENDENT PROJECTS

Building an AI-powered coaching application that helps users define SMART goals, generate daily task recommendations, and create first-draft documents to support task execution. Uses large language models to turn vague user intent into structured goals, actionable plans, and working documents, with a focus on rapid iteration and practical user outcomes.